

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Cimicifuga racemosa*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
16	ACETIC-ACID	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
2	ACTEIN	Root	--	--		
2	ACTEIN	Plant	--	--		
5	ALUMINUM	Root	48	226	-0.1912183621931245	
112	ASCORBIC-ACID	Root	28	135	-0.568801576284696	
53	BETA-CAROTENE	Root	5	24	-0.28296048074413105	
6	BUTYRIC-ACID	Plant	--	--		
28	CALCIUM	Root	1254	5970	-0.15691792968206164	
24	CHROMIUM	Root	0.4	1.8	-0.20117706529794718	
2	COBALT	Root	1	3.8	-0.4627294331957213	
15	FIBER	Root	119000	119000	0.6859731853584935	Pedersen, M. 1987. <i>Nutritional Herbology</i> . Pederson Publishing. Bountiful, Utah. 377 pp.
13	FORMIC-ACID	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
16	FORMONONETIN	Root	--	--		
62	GALLIC-ACID	Plant	--	--		Pedersen, M. 1987. <i>Nutritional Herbology</i> . Pederson Publishing. Bountiful, Utah. 377 pp.
6	IRON	Root	8	38	-0.38644716654057326	
4	ISOFERULIC-ACID	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
65	MAGNESIUM	Root	365	1740	-0.4371484057909448	
14	MANGANESE	Root	0.3	1.4	-0.5291560655019355	
39	NIACIN	Root	6.6	31.5	-0.5430960054757538	
18	OLEIC-ACID	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
13	PALMITIC-ACID	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
4	PHOSPHORUS	Root	437	2080	-0.2526248106460702	
14	POTASSIUM	Root	2163	10300	-0.4011752971664641	
1	RACEMOSIDE	Root	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
15	RIBOFLAVIN	Root	0.1	0.7	-0.7384929842775523	
34	SALICYLIC-ACID	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
60	SELENIUM	Root	0.7	3.2	-0.13481576486090638	
4	SILICON	Root	0.6	2.7	-0.3305017922183633	
1	SODIUM	Root	12	58	-0.4857668169259709	
5	STARCH	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
5	STARCH	Root	16800	80000	-0.9861330113268916	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
41	TANNIC-ACID	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
35	TANNIN	Root	--	--		Williamson, E. M. and Evans, F. J., <i>Potter's New Cyclopaedia of Botanical Drugs and Preparations</i> , Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
31	THIAMIN	Root	58	58	4.565797101129107	Pedersen, M. 1987. <i>Nutritional Herbology</i> . Pederson Publishing. Bountiful, Utah. 377 pp.
4	TIN	Root	--	--		
77	ZINC	Root	--	--		